

FEATURES & SPECIFICATIONS

INTENDED USE — The BLT Best-in-Value Low Profile LED luminaire features a popular center basket design that offers a clean, versatile style and volumetric distribution. High efficacy LED light engines deliver energy savings and low maintenance compared to traditional sources. An extensive selection of configurations and options make the BLT the perfect choice for many lighting applications including schools, offices and other commercial spaces, retail, hospitals and healthcare facilities. The low profile BLT design (2-3/8") also makes it an excellent choice for renovation projects.

CONSTRUCTION — Prior to fabrication, BLT components are coated with a proprietary paint blend and die-formed for dimensional consistency.

The reflector is finished with a high reflective matte white powder paint for improved aesthetics and increased light diffusion.

End plates contain easy-to-position integral T-bar clips for securely attaching the luminaire to the T-grid. For additional T-grid security, optional screw on T-bar clips are available.

Diffusers are extruded from impact modified acrylic for increased durability.

LED boards and drivers are accessible from the plenum.

OPTICS — Volumetric illumination is achieved by creating an optimal mix of light to walls, partitions and vertical and horizontal work surfaces – rendering the interior space, objects and occupants in a more balanced, complimentary luminous environment. High performance extruded acrylic diffusers conceal LEDs and efficiently deliver light in a volumetric distribution. Four diffuser choices available - curved and square designs with linear prisms or a smooth frosted finish.

ELECTRICAL — Long-life LEDs, coupled with high-efficiency drivers, provide superior quantity and quality of illumination for extended service life. 80% LED lumen maintenance at 60,000 hours (L80/60,000). Color Variation within 3-step MacAdam ellipse (3SDCM).

Non-Configurable BLT: Generic 0-10 volt dimming driver. Dims to 10%

Configurable BLT: available in High Efficiency (HE) versions for applications where a lower wattage (over the standard product) is required. The High Efficiency versions deliver >130 LPW and can be specified via the Lumen Package designations in the Ordering Information below.

eldoLED driver options deliver choice of dimming range, and choices for control, while assuring flicker-free, low-current inrush, 89% efficiency and low EMI.

Optional integrated nLight®controls make each luminaire addressable - allowing them to digitally communicate with other nLight enabled controls such as dimmers, switches, occupancy sensors and photocontrols. Connection to nLight is simple. It can be accomplished with integrated nLight AIR wireless RIO, RES7 sensors, or through standard Cat-5 cabling. nLight offers unique plug-and-play convenience as devices and luminaires automatically discover each other and self-commission. nLight AIR is commissioned easily through an intuitive model app.

Lumen Management: Unique lumen management system (option N80) provides on board intelligence that actively manages the LED light source so that constant lumen output is maintained over the system life, preventing the energy waste created by the traditional practice of over-lighting.

 $Step-level \ dimming \ option \ allows \ system\ to \ be \ switched\ to\ 50\%\ power for\ compliance\ with\ common\ energy$ codes while maintaining fixture appearance.

 $\label{lem:connect} \mbox{ Driver disconnect provided where required to comply with US and Canadian codes.}$

SENSOR— Integrated sensor (individual control): Sensor Switch MSD7ADCX ((Passive infrared (PIR)) or MSDPDT7ADCX ((PIR/Microphonics Dual Tech (PDT)) integrated occupancy sensor/automatic dimming photocell allows the luminaire to power off when the space is unoccupied or enough ambient light is entering the space. See page 4 for more details on the integrated sensor.

Integrated Sensor (nLight Wired Networking): This sensor is nLight-enabled, meaning it has the ability to communicate over an nLight network. When wired, using CAT-5 cabling, with other nLight-enabled sensors, power packs, or WallPods, an nLight control zone is created. Once linked to a Gateway, directly or via a Bridge, the zone becomes capable of remote status monitoring and control via SensorView software. See page 4 for the nLight sensor options.

Integrated Smart Sensor (nLight Air Wireless Platform): The RES7 sensor is nLight AIR enabled, meaning it has the ability to communicate over the wireless nLight control platform. It is available with an automatic dimming photocell, and either a digital PIR or a microphonics (PDT) dual technology occupancy sensor. It pairs to other luminaires and wall switches through our mobile app, CLAIRITY, which allows for simple sensor adjustment. See page 4 for more details on the Integrated Smart Sensor.

INSTALLATION — The BLT's low profile design of only 2-3/8" provides increased installation flexibility especially in restrictive plenum applications. The BLT fits into standard 15/16" and narrow 9/16" T-grid ceiling systems.

Suitable for damp location.

For recessed mounting in hard ceiling applications, Drywall Grid Adapters (DGA) are available as an accessory. See Accessories section.

LISTINGS — CSA Certified to meet U.S. and Canadian standards. IC rated.

DesignLights Consortium® (DLC) Premium qualified product. Not all versions of this product may be DLC Premium qualified. Please check the DLC Qualified Products List at www.designlights.org/QPL to confirm which versions are qualified.

WARRANTY — 5-year limited warranty. Complete warranty terms located at: www.acuitybrands.com/resources/terms-and-conditions

NOTE: Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25 °C. Specifications subject to change without notice.

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BLT Series LED



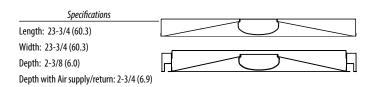






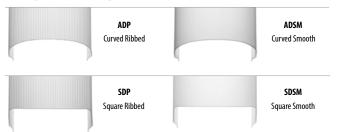






All dimensions are inches (centimeters) unless otherwise specified

Multiple Diffuser Options



** Capable Luminaire

This item is an A+ capable luminaire, which has been designed and tested to provide consistent color appearance and out-of-the-box control compatibility with simple commissioning.

- All configurations of this luminaire meet the Acuity Brands' specification for chromatic consistency
- This luminaire is part of an A+ Certified solution for nLight® control networks when ordered with drivers marked by a shaded background*
- This luminaire is part of an A+ Certified solution for nLight control networks, providing advanced control functionality at the luminaire level, when selection includes driver and control options marked by a shaded background*

To learn more about A+, visit www.acuitybrands.com/aplus.

*See ordering tree for details

COMMERCIAL INDOOR 2BLT-2X2



ORDERING INFORMATION Lead times will vary depending on options selected. Consult with your sales representative.

2BLT2						
Series	Air function	Lumens ²	Diffuser	Voltage	Driver	Color temperature
2BLT2 2X2BLT	(blank) Static A Air supply/ return¹	Standard efficiency ^{3,4} (>125 LPW) High efficiency ^{5,6} (>130 LPW) 20L 2000 20LHE 2000 33L 3300 33L 400 40LHE 4000 40LHE 4000 48L 4800 48LHE 4800	ADP Curved, linear prisms ADSM Curved, smooth SDP Square, linear prisms SDSM Square, smooth Includes trim rings to match sensored version ADPT Curved, linear prisms ADSMT Curved, smooth SDPT Square, linear prisms SDSMT Square, smooth	(blank) MVOLT 120 120V 277 277V 347 347V ⁷	EZ1 eldoLED dims to 1% (0-10 volt dimming) GZ1 Dims to 1% (0-10V dimming) ⁸ GZ10 Dims to 10% (0-10V dimming) ⁸ SLD Step-level dimming ⁹	LP830 82CRI, 3000 K LP835 82CRI, 3500 K LP840 82CRI, 4000 K LP850 82CRI, 5000 K LP930 90CRI, 3000K LP935 90CRI, 3500K LP940 90CRI, 4000K LP950 90CRI, 5000K

nLight Inte	erface	Control 12				Standy Mode		Options	
nLight Wi		nLight Wi		Individual Co		NOC	NOC Occupancy	EL7L	700 lumen battery pack (Noncompliant with CA T20) ¹⁶
(blank) N80 N80EMG N100 N100EMG	no nLight ® interface nLight with 80% lumen management nLight with 80% lumen management For use with generator supply EM power 10 nLight without lumen management nLight without lumen management For use with generator supply EM power 10	(blank) NES7 NESPDT7 NESPADCX NESPDT7AD	No sensor control nLight™ nES 7 PIR integral occupancy sensor ¹³ nLight™ nES PDT 7 dual technology integral occupancy control ¹³ nLight™ nES 7 ADCX PIR integral occupancy sensor with automatic dimming photocell ¹³ CX nLight™ nES PDT 7 dual technology integral occupancy sensor with automatic dimming photocell ¹³	MSD7ADCX MSDPDT7ADCX	PIR integral occupancy sensor with automatic dimming control photocell ¹⁴ PDT integral occupancy sensor with automatic dimming control photocell ¹⁴		occupancy sensor disabled ¹⁵	EL14LSD E10WLCP CP BGTD PWS1836 PWS1846	1400 lumen battery pack (Noncompliant with CA T20) 16 1400 lumen battery pack with self-diagnostic testing feature (Noncompliant with CA T20) 16,177 EM Self-Diagnostic battery pack, 10W Constant Power, Certified in CA Title 20 MAEDBS 16 Chicago plenum 18 Bodine Generator Transfer Device 19 6' pre-wire, 3/8" diameter, 18 gauge, 1 circuit 6' pre-wire, 3/8" diameter, 18 gauge,
nLight Wi		nLight Wir							2 circuit
(blank) NLTAIR2	no nLight ® interface nLight AIR Generation 2 enabled ¹¹	nLight Wireless o nLight ° interface Light AIR Generation enabled 11 nLight Wireless RES7 nLight AIR PIR integral occupancy sensor with automatic dimming	nLight AIR PIR integral occupancy sensor with					PWS1846 PWSLV	Two cables: one 6' pre-wire, 3/8" diameter, 18 gauge, 2 circuits; one 6' pre-wire, 3/8" diameter, 18 gauge, purple and gray ²⁰
			Capabilities nLight AIR microphonics dual					PWS1856LV	6' pre-wire, 3/8" diameter, 18 gauge, 1 circuit w/low voltage purple and grey wires ²⁰
			technology occupancy sensor with automatic dimming					GLR	Fast-blowing fuse ²¹
			photocell					GMF	Slow-blowing fuse ²¹
		RIO	nLight AIR radio module					NPLT	Narrow pallet
			without sensor					RRL_	RELOC®-ready luminaire ²²
								LATC	Earthquake clip
								DWAM	Anti-Microbial paint
								JP32	Job packaging
								IP5X	Gasketed diffuser compartment to meet IP5X rating ²³

Non-Configu	Non-Configurable BLT									
Stock/MT0	Catalog Description *	UPC	Lumens	Wattage	LPW	Color Temperature	Voltage	Pallet Qty		
Stock	2BLT2 33L ADP LP835	00190887529708	3332	26	127	3500K/82 CRI	120-277	56		
	2BLT2 33L ADP LP840	00190887529739	3385	26	129	4000K/82CRI	120-277	56		
	2BLT2 33L ADP EL14L LP835	00190887529890	3332	26	127	3500K/82CRI	120-277	56		
	2BLT2 33L ADP EL14L LP840	00190887529937	3385	26	129	4000K/82CRI	120-277	56		
MT0	2BLT2 33L ADP 347 LP835		3332	26	127	3500K/82 CRI	347	56		
	2BLT2 33L ADP 347 LP840		3385	26	129	4000K/82CRI	347	56		

^{*}Generic 0-10V Dimming to 10%.

Notes and Accessories next page

Example: 2BLT2 33L ADP EZ1 LP835



2BLT Volumetric Recessed Lighting 2'x2'

Notes

- 1 Consult factory for airflow data.
- 2 Approximate lumen output.
- All versions may not achieve 125+ LPW. Refer to photometry on www.acuitybrands.com.
- 4 Air supply/return option, 90 CRI, and versions with integral sensor trim rings may not achieve 125 LPW.
- All versions may not achieve 130+ LPW. Refer to photometry on www.acuitybrands.com.
- Air supply/return option, 90 CRI, and versions with integral sensor trim rings may not achieve 130 LPW.
- 7 Not available with SLD EL7L, or EL14L options.
- GZ1 and GZ10 not available with any Control or Sensor options
- 9 Not available with N80, N80EMG, N100, N100EMG, NLTAIR2, or occupancy control.
- 10 nLight EMG option requires a connection to existing nLight network. Power is provided from a separate N80 or N 100 enabled fixture.
- 11 Must order with RES7, RES7PDT or Rio module. Must order with EZ1 driver.

- 12 Must specify diffuser with trim rings. See sensor options on page 4.
- 13 Requires N80, N80EMG, N100, or N100EMG. Must order with EZ1 driver.
- 4 Only available with EZ1 driver option. 0-10v dimming wires not accessible via access plate.
- 15 Can only be ordered in conjunction with EZ1, NLTAIR2, RES7/RES7PDT. Occupancy sensor disabled at factory but can be re-enabled upon commissioning.
- 16 When using pre-wire option, use PWS1846 or PWS1846 PWSLV.
- 17 For more information, please see the <u>PSSD2 specification sheet</u>.
- 18 Not available with N80, N80EMG, N100, or N100EMG.
- 19 Must specify voltage. Requires BSE labeling, voltage specific. Consult factory for options.
- 20 Not available with nLight wired/wireless network or individual controls.
- 21 Must specify voltage, 120 or 277, with GLR and GFM fusing.
- 22 For ordering logic consult RRL 2013.
- 23 Not available with air supply/return or Wired Networking (NES_) and Individual Control (MSD_) sensors.

Accessories: Order as separate catalog number. DGA22 Drywall grid adapter for 2x2 recessed fixture 2X2SMKSHP PAF Surface Mount Troffer Kit Post Paint

nLight® Wired Control Accessories: Order as separate catalog number. Visit www.acuitybrands.com/products/controls/nlight.							
WallPod stations	Model number	Occupancy sensors	Model number				
On/Off	nPODM [color]	Small motion 360°, ceiling (PIR / dual tech)	nCM 9 RJB / nCM PDT 9 RJB				
On/Off & raise/lower	nPODM DX [color]	Large motion 360°, ceiling (PIR / dual tech)	nCM10 RJB / nCM PDT 10 RJB				
Graphic touchscreen	nPOD GFX [color]	Wall switch with raise/lower	nWSX PDT LV DX [color]				
Photocell controls	Model number	Cat-5 cable (plenum rated)	Model number				
Full range dimming	nCM ADCX RJB	10' cable	CATS 10FT J1				
		30' cable	CATS 30FT J1				

nLight® AIR Control Accessories:

Order as separate catalog number. Visit www.acuitybrands.com/products/controls/nlightair.

Wall switches	Model number
On/Off single pole	rPODB [color] G2
On/Off two pole	rPODB 2P [color] G2
On/Off & raise/lower single pole	rPODB DX [color] G2
On/Off & raise/lower two pole	rPODB 2P DX [color] G2
On/Off & raise/lower single pole	rPODBZ DX WH G2

rCMS ¹									Example: RCMS PDT 10 AR G2			
6	/ D	D			B-44'	•	(n t 1)	0		6		
Series /	Detection	Power S	прыл	Occupan	cy Detection	Lens	(Required)	Operatir	ig Mode	Gene	ration	
RCMS	RCMS nLight AIR occupancy and daylight sensor	ordered PD7 separately PD7 PS 150 Standard 150 mA		[blank] PDT			10 Large Motion/ Extended Range 360° 9 Small Motion/ Extended Range 360°		[BLANK] None AR Auxiliary Relay		G2 Generation 2 compatibility	
				Power Supply			6	High Bay 360° Lens				

Replacemen	t Parts: Order as separate catalog number.	
*247WJV	2DBLT24 ADP LENS ASSEMBLY	2 ft. replacement lens
*249P2P	2DBLT24 SDP LENS ASSEMBLY	2 ft. replacement lens
*249P2W	2DBLT24 ADSM LENS ASSEMBLY	2 ft. replacement lens
*249P32	2DBLT24 SDSM LENS ASSEMBLY	2 ft. replacement lens
*237LT1	2DBLT24 ADPT LENS ASSEMBLY	2 ft. replacement lens
*237LT3	2DBLT24 SDPT LENS ASSEMBLY	2 ft. replacement lens
*237LT5	2DBLT24 ADSMT LENS ASSEMBLY	2 ft. replacement lens
*237LT7	2DBLT24 SDSMT LENS ASSEMBLY	2 ft. replacement lens
*237LT9	2DBLT24 ADPT SENSOR LENS ASSEMBLY	2 ft. replacement lens
*237M4Y	2DBLT24 SDPT SENSOR LENS ASSEMBLY	2 ft. replacement lens
*237M57	2DBLT24 ADSMT SENSOR LENS ASSEMBLY	2 ft. replacement lens
*237M5H	2DBLT24 SDSMT SENSOR LENS ASSEMBLY	2 ft. replacement lens

Notes

1 RCMS requires low voltage power from either RPP20 DS 24V G2 or PS150.













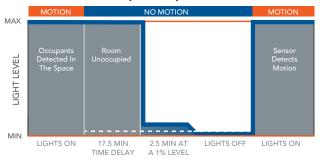
	Sensor Options								
Option	Automatic	Occupano	y Sensing	nLight Wired	nLight AIR Networking				
Option	Dimming Photocell	PIR	PDT	Networking					
MSD7ADCX	Х	Х							
MSDPDT7ADCX	Х		Х						
NES7		Х		Х					
NES7ADCX	Х	Х		Х					
NESPDT7			Х	Х					
NESPDT7ADCX	Х		Х	Х					
RES7	Х	Х			Х				
RESPDT7	Х	Х	Х		Х				

Integrated Sensor with Individual Control

The MSD7ADCX PIR occupancy sensor/automatic dimming photocell is ideal for areas without obstructions and where daylight harvesting may be desired. Suggested applications include, but not limited to, hallways, corridors, storage rooms, and breakrooms or other areas where people are typically moving.

The MSDPDT7ADCX PIR/Microphonics Dual Tech occupancy sensor/automatic dimming photocell is ideal for areas with obstructions and where daylight harvesting is desired. Suggested applications include, but not limited to, open offices, private offices, classrooms, public restrooms, and conference rooms

Sequence of Operation



^{*}The presetting on the automatic dimming photocell is 5fc.

Sensor Coverage Pattern Mini 360° Lens

- Recommended for walking motion detection from mounting heights between 8 ft (2.44 m)
- Initial detection of walking motion along sensor axes at distances of 2x the mounting height up to 15 ft (4.57 m) and
- 1.75x up to 20 ft (6.10 m).
- Provides 12 ft (3.66 m) radial detection of small motion when mounted at 9 ft (2.74 m)
- Initial detection will occur earlier when walking across sensor's field of view than when walking directly at sensor

Basic nLight Zone

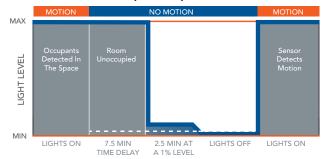


nLight Wired Networking

The nES 7 is ideal for small rooms without obstructions or areas with primarily walking motion. Ideal areas include hallways, corridors, storage rooms, and breakrooms. Additionally, the NES7ADCX includes an integrated photocell, which enables daylight harvesting controls.

For areas like restrooms, private offices, open offices, conference rooms or any space with obstructions, the nES PDT 7 dual technology sensor is recommended. The nES PDT 7 utilizes both PIR (passive infrared) and Microphonics technologies to detect occupancy. Additionally, the NESPDT7ADCX includes an integrated photocell, which enables daylight harvesting controls which is ideal for areas where windows are present.

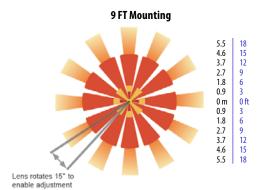
Sequence of Operation



^{*}The presetting on the automatic dimming photocell is 5fc.

nLight AIR Wireless

nLight AIR is the ideal solution for retrofit or new construction spaces where adding additional wiring can be labor intensive and nLight AIR is available with or without an integral sensor. The integrated RES7 or RES7PDT smart sensors are part of each luminaire in the nLight AIR network, which can be grouped to control multiple luminaires. The granularity of control with the digital PIR occupancy detection and daylight sensing makes a great solution for any application.









Simple as 1,2,3

- 1. Install the nLight® AIR fixtures with embedded smart sensor
- 2. Install the wireless battery-powered wall switch
- 3. With CLAIRITY app, pair the fixtures with the wall switch and if desired, customize the sensor settings for the desired outcome



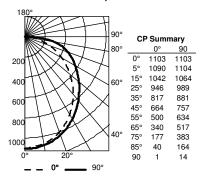


nLight AIR rPODB 2P DX G2

2BLT-2X2

PHOTOMETRICS

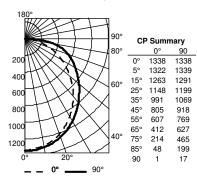
2BLT2 33L ADP LP835, 3332 delivered lumens, test no. ISF36900P19, tested in accordance to IESNA LM-79



Coefficients of Utilization									
			2	0%					
	80%			70%		50%			
70%	50%	30%	50%	30%	10%	50%	30%	10%	
119	119	119	116	116	116	111	111	111	
108	102	97	100	96	92	96	92	89	
97	88	81	86	80	74	83	77	72	
88	77	69	76	68	61	72	66	60	
81	68	59	67	58	52	64	57	51	
74	61	51	60	51	44	57	50	44	
68	55	45	54	45	39	52	44	38	
63	50	40	49	40	34	47	39	34	
59	45	36	44	36	30	43	36	30	
55	41	33	41	33	27	40	32	27	
52	38	30	38	30	25	37	30	25	
	70% 119 108 97 88 81 74 68 63 59 55	80% 70%50% 119 119 108 102 97 88 88 77 81 68 74 61 68 55 63 50 59 45 55 41	80% 70%50%30% 119 119 119 108 102 97 97 88 81 88 77 69 81 68 59 74 61 51 68 55 45 63 50 40 59 45 36 55 41 33	80% 50% 50% 50% 50% 50% 50% 50% 50% 50% 5	80% 70% 70%50%30% 50%30% 119 119 119 116 116 108 102 97 100 96 97 88 81 86 80 88 77 69 76 68 81 68 59 67 58 74 61 51 60 51 68 55 45 54 45 63 50 40 49 40 55 41 33 41 33	80% 70% 70% 70% 70% 50%30% 10% 119 119 119 110 96 92 97 88 81 86 80 74 88 77 69 67 58 52 74 61 51 60 51 44 68 55 45 45 39 63 50 40 40 34 55 45 31 55 41 33 27	80% 70% 50% 30% 10% 50% 30% 10% 119 119 119 116 116 116 111 110 118 102 97 100 96 92 96 97 88 81 86 80 74 83 88 77 69 67 58 52 64 74 61 51 60 51 44 57 68 55 45 54 45 39 52 63 50 40 49 40 34 47 59 45 36 64 36 30 43 55 41 33 41 33 27 40	80% 70% 50%30% 70%50%30% 50%30%10% 50%30% 119 119 119 116 116 116 111 111 108 102 97 100 96 92 96 92 97 88 81 86 80 74 83 77 88 77 69 68 61 72 66 57 81 68 59 67 58 52 64 57 74 61 51 60 51 44 57 50 68 55 45 54 45 39 52 44 63 50 40 49 40 34 47 39 59 45 36 44 36 30 43 36 55 41 33 41 33 27 40 32	

	Zonal Lumen Summary									
<u>%</u> 1	Zone	Lumens	% Lamp	% Fixture						
1	0° - 30°	853	25.6	25.6						
9	0° - 40°	1390	41.7	41.7						
2	0° - 60°	2466	74.0	74.0						
)	0° - 90°	3330	100.0	100.0						
1	90° - 120°	2	0.0	0.0						
4	90° - 130°	2	0.0	0.0						
3	90° - 150°	2	0.0	0.0						
1	90° - 180°	2	0.0	0.0						
)	0° - 180°	3332	100.0	100.0						
7										
5										

2BLT2 40L ADP LP835, 4041 delivered lumens, test no. ISF36900P35, tested in accordance to IESNA LM-79

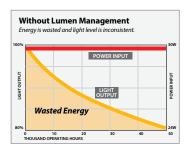


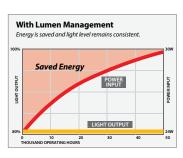
Coefficients of Utilization										
pf				20%						
рс		80%			70%	•		50%		
_pw	70%	50%	30%	50%	30%	10%	50%	30%	109	
0	119	119	119	116	116	116	111	111	11	
1	108	102	97	100	96	92	96	92	89	
2	97	88	81	86	80	74	83	77	72	
3	88	77	69	76	68	61	72	66	60	
m 4	81	68	59	67	58	52	64	57	51	
H25	74	61	51	60	51	44	57	50	44	
^щ 6	68	55	45	54	45	39	52	44	38	
7	63	50	40	49	40	34	47	39	34	
8	59	45	36	44	36	30	43	36	30	
9	55	41	33	41	33	27	40	32	27	
10	52	38	30	38	30	25	37	30	25	

Zonal Lumen Summary								
2	Zone	Lumens	% Lamp	% Fixture				
	0° - 30°	1035	25.6	25.6				
	0° - 40°	1686	41.7	41.7				
	0° - 60°	2991	74.0	74.0				
	0° - 90°	4039	100.0	100.0				
	90° - 120°	2	0.0	0.0				
	90° - 130°	2	0.0	0.0				
	90° - 150°	2	0.0	0.0				
	90° - 180°	2	0.0	0.0				
	0° - 180°	4041	100.0	100.0				

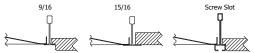
Constant Lumen Management

Enabled by the embedded nLight control, the BIT actively tracks its run-time and manages its light source such that constant lumen output is maintained over the system life. Referred to as lumen management, this feature eliminates the energy waste created by the traditional practice of over-lighting.





MOUNTING DATA				
Ceiling Type	Appropriate Trim Type			
Exposed grid tee (1' and 9/16")	G			
Concealed grid tee	G			
Plaster or plasterboard	G*			



*DGA accessory available to provide ceiling trim flange and fixture support for plaster or plasterboard ceiling. Recommended rough-in dimensions for DGA installation is 24-3/4" x 24-3/4" (Tolerance is +1/8", -0").

How to Estimate Delivered Lumens in Emergency Mode

Use the formula below to estimate the delivered lumens in emergency mode Delivered Lumens = 1.25 x Px LPW

 $P = \mbox{Output power of emergency driver.} \ P = \mbox{10W for E10WLCP option.} \ LPW = \mbox{Lumen per watt rating of the luminaire.} \ This information is available on the ABL luminaire spec sheet. \ LPW = \mbox{Lumen per watt rating of the luminaire.} \ LPW \ information available in Performance Data section.}$

Performance Data							
Model Number	Lumens	LPW	Watts	DLC Listing	DLC ID		
2BLT2 2OL ADP EZ1 (GZ1, GZ10) LP840 [All Options]	2065.45	124.06	16.64	Premium	PM92196A		
2BLT2 2OL ADP EZ1 (GZ10) LP835 [All Options]	2033	126.58	16.06	Premium	P6445UVD		
2BLT2 20L ADP GZ1 LP835 [All Options]	2033	122.11	16.64	standard	PLNK6MX8		
2BLT2 20L ADPT EZ1 (GZ10) LP840 [All Options]	2037.91	126.89	16.06	Premium	PYX15QEQ		
2BLT2 20L ADPT GZ1 LP835 [All Options]	2005.89	120.49	16.64	standard	P40HQGLB		
2BLT2 20L ADPT GZ1 LP840 [All Options]	2037.91	122.41	16.64	standard	PB3HB9AK		
2BLT2 33L ADP EZ1 (GZ1, GZ10) LP835 [All Options]	3332	124.92	26.67	Premium	PHSXHE8F		
2BLT2 33L ADP EZ1 (GZ1, GZ10) LP840 [All Options]	3385.19	126.91	26.67	Premium	PD18CKQ8		
2BLT2 33L ADPT EZ1 (GZ1, GZ10) LP840 [All Options]	3340.05	125.22	26.67	Premium	PF98CZ2H		
2BLT2 33L ADPT EZ1 (GZ10) LP835 [All Options]	3287.57	125.14	26.27	Premium	PTKZR9WQ		
2BLT2 33L ADPT GZ1 LP835 [All Options]	3287.57	123.25	26.67	standard	PTN5023N		
2BLT2 40L ADP EZ1 (GZ1, GZ10) LP835 [All Options]	4041	127.35	31.73	Premium	P1XWW9GV		
2BLT2 40L ADP EZ1 (GZ1, GZ10) LP840 [All Options]	4105.51	129.38	31.73	Premium	PHCQ2CQF		
2BLT2 40L ADPT EZ1 (GZ1, GZ10) LP835 [All Options]	3987.12	125.65	31.73	Premium	PW6RMMJ4		
2BLT2 40L ADPT EZ1 (GZ1, GZ10) LP840 [All Options]	4050.77	127.65	31.73	Premium	P5YYDAA8		
2BLT2 48L ADP EZ1 (GZ1, GZ10) LP835 [All Options]	4800	109.9	43.67	standard	PJRH1R1G		
2BLT2 48L ADP EZ1 (GZ1, GZ10) LP840 [All Options]	4876.63	111.66	43.67	standard	P8G93YOK		
2BLT2 48L ADPT EZ1 (GZ1, GZ10) LP835 [All Options]	4736	108.44	43.67	standard	PITU3V6X		
2BLT2 48L ADPT EZ1 (GZ1, GZ10) LP840 [All Options]	4811.61	110.17	43.67	standard	P5X2XU76		

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HE Performance Data							
Model Number	Lumens	LPW	Watts	DLC Listing	DLC ID		
2BLT2 20LHE ADP EZ1 (GZ1, GZ10) LP835 [All Options]	1948	130.59	14.91	Premium	PUQCZNQI		
2BLT2 20LHE ADP EZ1 (GZ1, GZ10) LP840 [All Options]	1979.1	132.67	14.91	Premium	PJCZRW21		
2BLT2 20LHE ADPT EZ1 (GZ1, GZ10) LP840 [All Options]	1952.71	130.9	14.91	Premium	PLC4RF4L		
2BLT2 33LHE ADP EZ1 (GZ1, GZ10) LP835 [All Options]	3392	137.3	24.7	Premium	PXXZN9PH		
2BLT2 33LHE ADP EZ1 (GZ1, GZ10) LP840 [All Options]	3446.15	139.5	24.7	Premium	PKPJYYRF		
2BLT2 33LHE ADPT EZ1 (GZ1, GZ10) LP835 [All Options]	3346.77	135.47	24.7	Premium	PZC8BZSS		
2BLT2 33LHE ADPT EZ1 (GZ1, GZ10) LP840 [All Options]	3400.2	137.64	24.7	Premium	PM5G8AFU		
2BLT2 40LHE ADP EZ1 (GZ1, GZ10) LP835 [All Options]	4118	133.71	30.79	Premium	PJ55XFFP		
2BLT2 40LHE ADP EZ1 (GZ1, GZ10) LP840 [All Options]	4183.74	135.85	30.79	Premium	PEGFHPZD		
2BLT2 40LHE ADPT EZ1 (GZ1, GZ10) LP835 [All Options]	4063.09	131.93	30.79	Premium	P8E16E9B		
2BLT2 40LHE ADPT EZ1 (GZ1, GZ10) LP840 [All Options]	4127.96	134.04	30.79	Premium	PFRSSSVG		
2BLT2 48LHE ADP EZ1 (GZ1, GZ10) LP835 [All Options]	4845	128	37.85	Premium	P558XUZP		
2BLT2 48LHE ADP EZ1 (GZ1, GZ10) LP840 [All Options]	4922.35	130.04	37.85	Premium	P1863H56		
2BLT2 48LHE ADPT EZ1 (GZ1, GZ10) LP835 [All Options]	4780.4	126.29	37.85	Premium	PHPTG5M8		
2BLT2 48LHE ADPT EZ1 (GZ1, GZ10) LP840 [All Options]	4856.71	128.31	37.85	Premium	PBKN954Z		

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